

eDNA sequences and species cards

Tuna (longfin eel)
Anguilla dieffenbachii



T C A G T T C T T G G A

Scissors icon

Cut out each eDNA fragment strip individually

T	C	A	G	T	T	C	T	T	G	G	A
T	C	A	G	T	T	C	T	T	G	G	A
T	C	A	G	T	T	C	T	T	G	G	A
T	C	A	G	T	T	C	T	T	G	G	A

Cyanobacteria

Microcystis aeruginosa



A	T	T	G	G	A	C	T	T	T	G	T
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Cut out each eDNA fragment strip individually

A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T
A	T	T	G	G	A	C	T	T	T	G	T

Kōura (crayfish)

Paranephrops



T | C | A | G | T | A | A | T | T | G | G | A



Cut out each eDNA fragment individually

T	C	A	G	T	A	A	T	T	G	G	A
T	C	A	G	T	A	A	T	T	G	G	A
T	C	A	G	T	A	A	T	T	G	G	A
T	C	A	G	T	A	A	T	T	G	G	A
T	C	A	G	T	A	A	T	T	G	G	A
T	C	A	G	T	A	A	T	T	G	G	A
T	C	A	G	T	A	A	T	T	G	G	A
T	C	A	G	T	A	A	T	T	G	G	A
T	C	A	G	T	A	A	T	T	G	G	A

Activity: Finding out what's in our lake using eDNA

Kākahi (mussel) *Echyridella menziesii*



T	C	A	G	T	A	T	T	G	G	G	T
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Cut out each eDNA
fragment strip individually

T	C	A	G	T	A	T	T	G	G	G	T
T	C	A	G	T	A	T	T	G	G	G	T
T	C	A	G	T	A	T	T	G	G	G	T
T	C	A	G	T	A	T	T	G	G	G	T
T	C	A	G	T	A	T	T	G	G	G	T
T	C	A	G	T	A	T	T	G	G	G	T

Activity: Finding out what's in our lake using eDNA

Cow

Bos taurus



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C T A A A G T A C C C G A

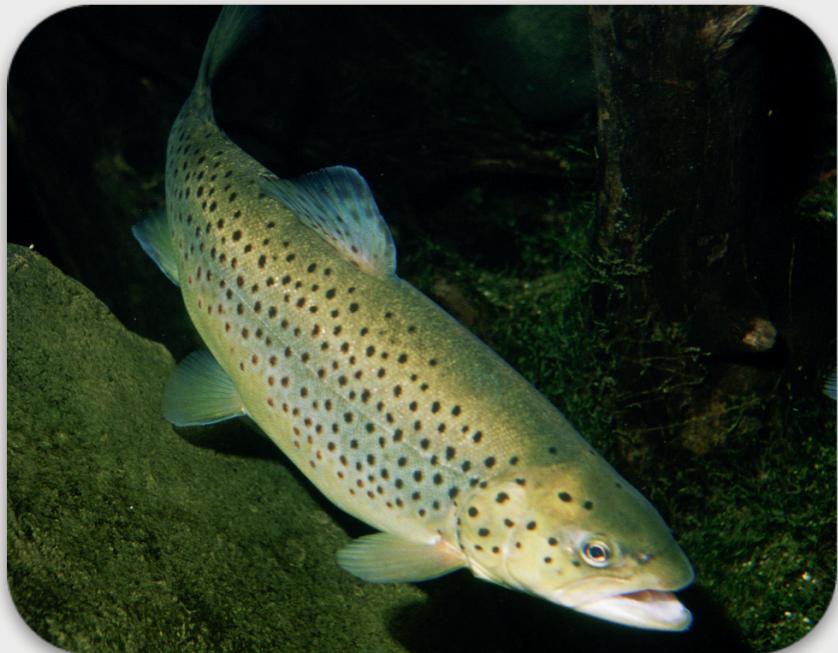


Cut out each eDNA
fragment strip individually

C	T	A	A	A	G	T	A	C	C	G	A
C	T	A	A	A	G	T	A	C	C	G	A
C	T	A	A	A	G	T	A	C	C	G	A
C	T	A	A	A	G	T	A	C	C	G	A
C	T	A	A	A	G	T	A	C	C	G	A
C	T	A	A	A	G	T	A	C	C	G	A
C	T	A	A	A	G	T	A	C	C	G	A

Activity: [Finding out what's in our lake using eDNA](#)

Brown trout *Salmo trutta*



T	C	T	T	C	T	T	A	A	A	G	T
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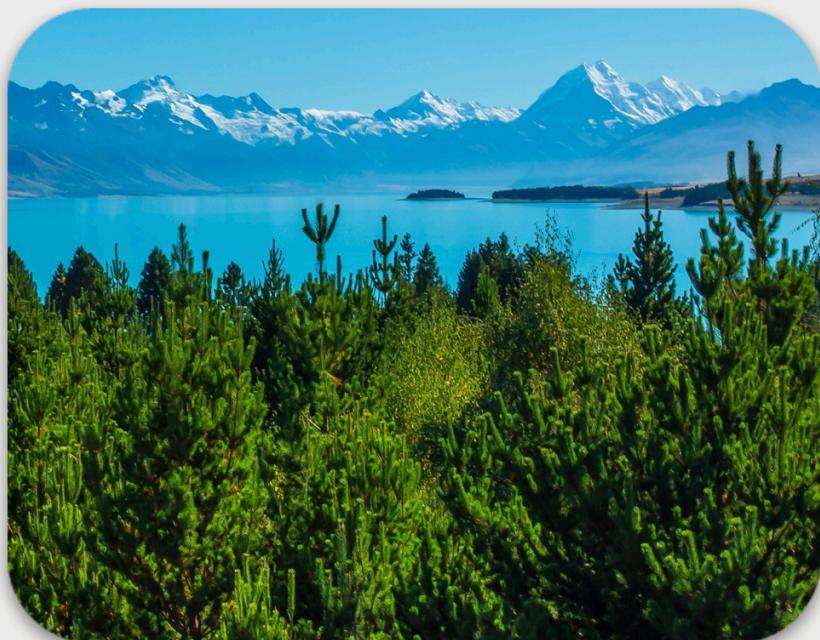


Cut out each eDNA
fragment strip individually

T	C	T	T	C	T	T	A	A	A	G	T
T	C	T	T	C	T	T	A	A	A	G	T
T	C	T	T	C	T	T	A	A	A	G	T

Pine tree

Pinus radiata



G | A | G | G | C | A | T | T | A | T | T | T | G | G



Cut out each eDNA fragment strip individually

G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G
G	A	G	G	C	A	T	T	A	T	T	T	G	G